

Xavier University

Exhibit

Management Information Systems Syllabi

Management Information Systems

2010

600-80 Information Technology Management

Adekunle Okunoye
Xavier University

Follow this and additional works at: https://www.exhibit.xavier.edu/management_information_systems_syllabi

Recommended Citation

Okunoye, Adekunle, "600-80 Information Technology Management" (2010). *Management Information Systems Syllabi*. 28.
https://www.exhibit.xavier.edu/management_information_systems_syllabi/28

This Restricted-Access Syllabus is brought to you for free and open access by the Management Information Systems at Exhibit. It has been accepted for inclusion in Management Information Systems Syllabi by an authorized administrator of Exhibit. For more information, please contact exhibit@xavier.edu.

INFO 600 – 80 INFORMATION TECHNOLOGY MANAGEMENT COURSE SYLLABUS (Summer 2010)

CLASS LOCATION AND TIME: Alter 319
Mon - Fri. (5:30pm – 9:15pm)

INSTRUCTOR:

Name: Dr. Adekunle Okunoye
Email: okunoye@xavier.edu
Office Location: Room 319 Hailstones Hall
Office Hours: **Monday and Wednesday** 2-5pm, Or by appointment
Telephone: 513 745 3052 (office)

COURSE DESCRIPTION

In today's network and knowledge-based economy, the advances in information and communication technology continue to transform the competitive playing field. Information technology has fundamentally changed the costs of transactions, communications, production of goods and services and operational management. The new dimension of competition demands efficient use of organization's resources, effective management of organizational and business processes, adequate knowledge of customer's needs, and quick response to changes in business environment. It is thus imperative that managers have deep understanding of how to use information and technology to support and manage the organizational and business processes for competitive advantages.

This course examines the role of information technology in supporting organization strategy, application of information technology to support business processes and role of information technology in competitive advantage and organization performance. ***The course took a managerial perspective on how to identify a strategic information technology, application of the technology for competitive advantage, integration of IT and business process, managing in distributed technology environments, managing a global information technology.*** In addition to class discussion, presentations, individual and group projects, we will use several cases in which organizations applied information technology for competitive advantage.

The course explores information, operations and technology and how they influence business processes. The issues involved are closely linked with other courses in MBA program. Moreover, information technology is now an integral part of business. Managing a successful IT organization require due understanding of organization behavior, leadership and management, societal, ethical and legal issues, relationship management, and strategic management. It is also unrealistic to discuss contemporary finance and accounting, economics, human resources management and other courses without considering the role of information technology.

MISSION

At Williams College of Business, “*we educate students of business, enabling them to improve organizations and society, consistent with the Jesuit tradition*”. In this course, we provide students with the decision making capabilities that can influence the operation of their respective organizations and the society in general. Our discussion of the social, ethical and legal implications of each topic provides students with broader perspectives that transcend conventional business goals. The course will examine networked organization, mobile devices and organizational processes, and social impact of IT.

COURSE OBJECTIVES

At the end course, the students should be able to:

- Design and implement an information technology strategy that will align with business strategy for competitive advantage.
- Understand various information systems required for quick-response operations and efficient business processes.
- Gain a broader understanding of current issues in information systems and technology in a globalized world.
- Learn the skills and strategies necessary to identify the risks associated with application of information technology and the general limitations of technology in organization and business processes.
- Understand the role of information systems in other functional business areas like finance, accounting, marketing manufacturing and management and organizational issues.

Text and Course Materials

Author: Turban E., and Volonino L.
Title: Information Technology for Management: Improving Performance in the Digital Economy
Edition: 7th Edition
Publisher: John Wiley & Sons, Inc
ISBN: 978-0-470-28748-4

Blackboard

Blackboard class web site - <http://blackboard.xu.edu> or through myxu portal

Updated information, announcement and other course materials shall be made available through Blackboard.

Grading Criteria

Grading Criteria:		Grade Distribution:			
		Grade	Points	Grade	Points
Attendance/participation.....	15%	A	95-100	C+	77-79
Examinations	60%	A-	90-93	C	73-76
Research Paper and		B+	87-89	C-	70-72
presentation.....	25%	B	83-86	D	60-69
Total.....	100%	B-	80-82	F	below 60

Failure to complete any of the above categories will result in either a grade of incomplete (see university catalog for when this is appropriate) or a fail. A brief description of these assignments is given below; we will discuss them further during our first class meeting.

Attendance /Participation (15%)

More than one class session absence could result in a lowering of your overall grade.

Attendance and participation in the class is very important since the majority of the learning will take place during the class with the class discussions.

Examination (60%)

There will be two examinations. Each exam carries equal weight. (Check the schedule for the dates of the exams)

Research Project Write-up and Presentation (25%)

Students will work in small teams throughout the course on a business research project. Teams will select an actual information system within a company to research. The project will describe the information systems purpose, inputs, outputs, and the various business processes that are affected. The project should also specify (in as much detail as possible) who uses the information from the information system, how and for what purpose. Please include a discussion of the system's drawbacks (or areas for potential improvement) as well as its advantages. The above mentioned guidelines are merely suggestions. Please feel free to be as creative as you would like.

Students will make oral presentations of their research projects in class; presentations should be 20 minutes in length followed by a question and answer period. All team members should contribute equally in the project but not everyone has to participate in the presentation. Submit a 5-10 page project write-up (submission deadlines to be discussed during the course) and provide each member of the class with a 1-2 page executive summary of your approach and findings.

The project topic outline must be submitted to the professor for approval. This can be submitted verbally or in writing. Each research team is responsible for choosing a research project; projects related to work experience are **strongly encouraged** but *be sensitive to company data confidentiality*.

Plagiarism:

Research projects should represent the students' best effort in academic and business research and writing. Plagiarism is illegal and not tolerated so be careful to correctly cite and provide references for the sources you use. Plagiarism will cause the grade on any written assignment to be zero (0). Generally speaking, plagiarism should be considered the copying of more than three words in succession from the material being used, without placing the words in quotation marks. Since the written projects in this course include summarizing and discussing other peoples' materials, the assignments should include very few exact quotes.

WK	Date	Topic	Assignment
1	Monday, May 10, 2010	Introduction The 21st century business environment and technology trends	Read Chapter 1
2	Tuesday, May 11, 2010	Information technology uses in organizations and Network Computing Current Issue 1	Read Chapters 2 & 4
3	Wednesday, May 12, 2010	Data Management Securing the Enterprise and Business Continuity Current Issue 2	Chapters 3 and Chapter 5
4	Thursday, May 13, 2010	E-Business, E-commerce, Mobile Commerce and Social Networks in the Web 2.0 Environment Current Issue 3	Read Chapters 6, 7 and 8
5	Friday, May 14, 2010	Exam 1 Transaction Processing Systems/ Enterprise Systems	Read Chapters 9 and 10
6	Monday, May 17, 2010	Business Intelligence Current Issue 4	Chapter 12
7	Tuesday, May 18, 2010	Strategic Alignment Current Issue 5	Chapter 13
8	Wednesday, May 19, 2010	Exam 2 Managing IT Projects, Process Improvement	Chapter 14
9	Thursday, May 20, 2010	The Societal Impacts of IT/ Review and Summary Current Issue 6	Chapter 15
10	Friday, May 21, 2010	Presentations	Prepare for presentation